

PORTION DESCRIPTIONS

FROM THE

AUGUST 9, 2000

MINERAL LEASE SALE

STATE LEASE NO. 16803 EXHIBIT "A"

PORTION OF TRACT 32683 - PORTION OF BLOCK 10, WEST CAMERON AREA, REVISED, Cameron Parish, Louisiana

That portion of Block 10, West Cameron Area, Revised, Cameron Parish, Louisiana, belonging to the State of Louisiana and not under mineral lease on August 9, 2000, described as follows: Beginning at the Northwest corner of Block 10, West Cameron Area, Revised, having Coordinates of X = 1,288,145.38 and Y = 403,746.49; thence Northeasterly on a straight line to a point having Coordinates of X = 1,291,413 and Y = 404,205; thence South 36 degrees 19 minutes 46 seconds East 3,768.18 feet to a point having Coordinates of X = 1,293,645.38 and Y = 401,169.27; thence West 5,500.00 feet to a point on the West line of said Block 10 having Coordinates of X = 1,288,145.38 and Y = 401,169.27; thence North 2,577.23 feet along the West line of said Block 10 to the point of beginning, containing approximately **288.31 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

STATE LEASE NO. 16804 EXHIBIT "A"

PORTION OF TRACT 32684 - PORTION OF BLOCK 10, WEST CAMERON AREA, REVISED, Cameron Parish, Louisiana

That portion of Block 10, West Cameron Area, Revised, Cameron Parish, Louisiana, belonging to the State of Louisiana and not under mineral lease on August 9, 2000, described as follows: Beginning at a point on the West line of Block 10, West Cameron Area, Revised, having Coordinates of X = 1,293,645.38 and Y = 401,169.27; thence South 45 degrees 04 minutes 25 seconds East 8,452.68 feet to a point having Coordinates of X = 1,299,630.00 and Y = 395,200.00; thence West 6,500.00 feet to a point having Coordinates of X = 1,293,130.00 and Y = 395,200.00; thence North 39 degrees 51 minutes 49 seconds West 7,776.80 feet to the point of beginning, containing approximately 822.21 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

STATE LEASE NO. 16805 EXHIBIT "A"

PORTION OF TRACT 32698 - PORTION OF BLOCK 6, SHIP SHOAL AREA, Terrebonne Parish, Louisiana

That portion of Block 6, Ship Shoal Area, Terrebonne Parish, Louisiana, belonging to the State of Louisiana and not under mineral lease on August 9, 2000, described as follows: Beginning at a point on the South line of Block 6, Ship Shoal Area, having Coordinates of X = 2,064,00.00 and Y = 183,438.14; thence North 7,500.00 feet to a point having Coordinates of X = 2,064,000.00and Y = 190,938.14; thence North 3,500.00 feet to a point having Coordinates of X = 2,063,300.00 and Y = 194,438.14; thence East 4,700.00 feet to a point having Coordinates of X = 2,068,000.00 and Y = 194,438.14; thence East 4,700.00 feet to a point having Coordinates of X = 2,068,00.00 and Y =194,438.14; thence South 11,000.00 feet to a point on the South line of said Block 6 having Coordinates of X = 2,068,000.00 and Y = 183,438.14; thence West 4,000.00 feet along the South line of said Block 6 to the point of beginning, containing approximately 1,066.34 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

STATE LEASE NO. 16808 EXHIBIT "A"

PORTION OF TRACT 32712 - <u>Jefferson Davis Parish</u>, <u>Louisiana</u>

All of the lands now or formerly constituting the beds and bottoms of Bayou Serpent and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on August 9, 2000, situated in Jefferson Davis Parish, Louisiana, within the following described boundaries: All that portion of Bayou Serpent bounded on the East or upstream by a North-South line having a Coordinate of X = 1,531,000.00 and bounded on the West or downstream by a North-South line having a Coordinate of X = 1,529,352.00, containing approximately 2.89 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

STATE LEASE NO. 16809 EXHIBIT "A"

PORTION OF TRACT 32713 - Jefferson Davis Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of Bayou Serpent and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on August 9, 2000, situated in Jefferson Davis Parish, Louisiana, within the following described boundaries: All that portion of Bayou Serpent bounded on the North or upstream by an East-West line having a Coordinate of Y = 636,315.00 and bounded on the West or downstream by a North-South line having a Coordinate of X = 1,531,000.00, containing approximately 7.13 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

STATE LEASE NO. 16816 EXHIBIT "A"

PORTION OF TRACT 32723 - Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on August 9, 2000, situated in Plaquemines Parish, Louisiana, within the following described boundaries: Beginning at the Northwest corner of State Lease No. 16461 having Coordinates of X = 2,537,382.00 and Y = 339,265.00; thence South 3,115.00 feet along said West boundary of said State Lease No. 16461 to a point having Coordinates of X = 2,537,382.00 and Y = 336,150.00; thence West 678.33 feet to a point having Coordinates of X = 2,536,703.67 and Y = 336,150.00; thence North 60 degrees 25 minutes 20 seconds West 3,474.44 feet to a point having Coordinates of X = 2,533,682.00 and Y = 337,865.00; thence North 1,400.00 feet to a point having Coordinates of X = 2,533,682.00 and Y = 339,265.00; thence East 3,700.00 feet to the point of beginning, containing approximately 176 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE:

STATE LEASE NO. 16817 EXHIBIT "A"

PORTION OF TRACT 32723 - Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on August 9, 2000, situated in Plaquemines Parish, Louisiana, within the following described boundaries: Beginning at the Southeast corner of State Lease No. 16653, also being the Southwest corner of State Lease No. 16654 having Coordinates of X = 2,523,846.47 and Y = 338,200.00; thence East 5,802.58 feet along the South boundary of said State Lease No. 16654 to a point having Coordinates of X =2,529,649.05 and Y = 338,200.00; thence South 2,050.00 feet to a point having Coordinates of X = 2,529,649.05 and Y = 336,150.00; thence West 5,802.58 feet to a point having Coordinates of X = 2,523,846.47 and Y = 336,150.00; thence North 2,050.00 feet to the point of beginning, containing approximately 204.22 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE:

STATE LEASE NO. 16818 EXHIBIT "A"

PORTION OF TRACT 32727 - PORTION OF BLOCK 23, MAIN PASS AREA, REVISED, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on August 9, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Southeast corner of Block 23, Main Pass Area, Revised, having Coordinates of X = 2,604,350.00 and Y = 322,330.00; thence West approximately 4,130 feet to the Southwest corner of said Block 23 having a Coordinate of Y = 322,330.00; thence Northwesterly approximately 4,130 feet to a point; thence Northerly approximately 845 feet to the most Westerly Southwest corner of State Lease No. 16591; thence along the boundaries of said State Lease No. 16591 the following courses: South 78 degrees East approximately 2,196 feet and South 11 degrees 30 minutes 50 seconds East 2,755.45 feet; thence South 05 degrees 42 minutes 38 seconds West 1,507.48 feet to the point of beginning, containing approximately 321 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE:

STATE LEASE NO. 16819 EXHIBIT "A"

PORTION OF TRACT 32732 - PORTION OF BLOCK 25, MAIN PASS AREA, REVISED, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on August 9, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point within Block 25, Main Pass Area, Revised, having Coordinates of X = 2,609,450.00 and Y = 314,955.00, said point being on a Southern boundary of State Lease No. 16690 and also being the Northwest corner of State Lease No. 16692; thence South 3,200.00 feet along the West boundary of said State Lease 16692 to a point having Coordinates of X =2,609,450.00 and Y = 311,755.00; thence North 59 degrees 39 minutes 02 seconds West 1,844.25 feet to a point having Coordinates of X = 2,607,858.49and Y = 312,686.85; thence North 2,400.00 feet to a point having Coordinates of X = 2,607,858.49 and Y = 315,086.85; thence East 1,100.00 feet to a point on the Western boundary of said State Lease No. 16690 having Coordinates of X = 2,608,958.49 and Y = 315,086.85; thence South 28 degrees 28 minutes 27 seconds East 150.00 feet along the Western boundary of said State Lease No. 16690 to it's Southwest corner having Coordinates of X = 2,609,030.00 and Y = 314,955.00; thence East 420.00 feet along the South boundary of said State Lease No. 16690 to the point of beginning, containing approximately 103.33 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE:

STATE LEASE NO. 16820 EXHIBIT "A"

PORTION OF TRACT 32734 - PORTION OF BLOCK 33, MAIN PASS AREA, REVISED, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on August 9, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Northeast corner of Block 33, Main Pass Area, Revised, having Coordinates of X = 2,605,850.00 and Y = 307,580.00; thence South 6,000.00 feet along the East line of said Block 33 to a point having Coordinates of X = 2,605,850.00 and Y = 301,580.00; thence West 700.00 feet to a point having Coordinates of X = 2,605,150.00 and Y = 301,580.00; thence North 36 degrees 52 minutes 12 seconds West 7,500.00 feet to a point on the North line of said Block 33 having Coordinates of X = 2,600,650.00 and Y =307,580.00; thence East 5,200.00 feet along the North line of said Block 33 to the point of beginning, containing approximately 406.34 acres as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE:

STATE LEASE NO. 16821 EXHIBIT "A"

PORTION OF TRACT 32735 - PORTION OF BLOCK 32, MAIN PASS AREA, REVISED, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on August 9, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Northwest corner of Block 32, Main Pass Area, Revised, having Coordinates of X = 2,605,850.00 and Y = 307,580.00; thence South 47 degrees 54 minutes 39 seconds East 4,177.32 feet to a point having Coordinates of X = 2,608,950.00 and Y = 304,780.00; thence South 3,200.00 feet to a point having Coordinates of X = 2,608,950.00 and Y = 301,580.00, said point also being on the North line of State Lease No. 16429; thence West 1,520.00 feet along the North line of said State Lease No. 16429 to it's Northwest corner having Coordinates of X = 2,607,430.00 and Y = 301,580.00; thence West 1,580.00 to a point on the West line of said Block 32 having Coordinates of X = 2,605,850.00 and Y = 301,580.00; thence North 6,000.00 feet along the West line of said Block 32 to the point of beginning, containing approximately 327.37 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE:

STATE LEASE NO. 16822 EXHIBIT "A"

PORTION OF TRACT 32737 - PORTION OF BLOCK 18, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on August 9, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point on the East line of Block 18, Breton Sound Area, having Coordinates of X = 2,664,850.00 and Y = 344,455.00, said point also being the Northeast corner of State Lease No. 16658; thence West 2,500.00 feet along the North boundary of said State Lease No. 16658 to it's Northwest corner having Coordinates of X = 2,662,350.00 and Y = 344,455.00; thence North 05 degrees 13 minutes 05 seconds East 3,700.00 feet to a point having Coordinates of X = 2,662,686.51 and Y = 348,139.67; thence North 53 degrees 15 minutes 14 seconds East 2,700.00 feet to a point having Coordinates of X = 2,664,850.00 and Y = 349,755.00, said point also being on the East line of said Block 18; thence South 5,300.00 feet along the East line of said Block 18 to the point of beginning, containing approximately 237.35 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

STATE LEASE NO. 16823 EXHIBIT "A"

PORTION OF TRACT 32738 - PORTION OF BLOCK 19, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on August 9, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point within Block 19, Breton Sound Area, having Coordinates of X = 2,677,300.00 and Y = 348,430.00; thence South 19 degrees 05 minutes 37 seconds East 2,751.36 feet to a point having Coordinates of X = 2,678,200.00and Y = 345,830.00; thence West 4,000.00 feet to a point having Coordinates of X = 2,674,200.00 and Y = 345,830.00; thence North 2,600.00 feet to a point having Coordinates of X = 2,674,200.00 and Y = 348,430.00; thence East 3,100.00 feet to the point of beginning, containing approximately 211.89 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

STATE LEASE NO. 16824 EXHIBIT "A"

PORTION OF TRACT 32738 - PORTION OF BLOCK 19, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on August 9, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point on the West of Block 19, Breton Sound Area, having Coordinates of X = 2,664,850.00 and Y = 344,455.00, said point also being the Northwest corner of State Lease No. 16610; thence North 5,300.00 feet along the West line of said Block 19 to a point having Coordinates of X $\stackrel{\checkmark}{=}$ 2,664,850.00 and Y = 349,755.00; thence South 78 degrees 19 minutes 28 seconds East 3,219.58 feet to a point having Coordinates of X = 2,668,002.96and Y = 349,103.46; thence South 10 degrees 19 minutes 38 seconds East 4,725.00 feet to a point on the North line of said State Lease No. 16610 having Coordinates of X = 2,668,850.00 and Y = 344,455.00; thence West 4,000.00 feet along the North line of said State Lease No. 16610 to the point of beginning, containing approximately 405.24 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

STATE LEASE NO. 16825 EXHIBIT "A"

PORTION OF TRACT 32744 - PORTION OF BLOCK 53, WEST DELTA AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on August 9, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Southeast corner of the West portion of State Lease No. 978, as amended, and a point on the North line of Operating Agreement "DDDDDDD" having Coordinates of X = 2,630,077.93 and Y = 132,000.00; thence East 576.00 feet along the North line of said Operating Agreement "DDDDDDD" to a corner having Coordinates of X = 2,630,653.93 and Y = 132,000.00; thence South 58 degrees 13 minutes 20 seconds East approximately 3,005.00 feet along the North boundary of said Operating Agreement "DDDDDDD" to a point on the West boundary of State Lease No. 2227; thence Northeasterly along the West boundary of said State Lease No. 2227 to the Southeast corner of State Lease No. 15703, also being the Southern corner of the East portion of State Lease No. 978, as amended; thence Westerly approximately 2,490 feet along the South line of said State Lease No. 15703 to it's Southwest corner; thence West 2,172.23 feet to a point on the East line of Operating Agreement "AAAAA" having Coordinates of X = 2,631,542.36 and Y = 135,250.99; thence along the East side of said Operating Agreement "AAAAA" the following courses and South 08 degrees 58 minutes 22 seconds West 1,695.44 feet and distances: South 67 degrees 36 minutes 26 seconds West 1,297.87 feet to it's Southwest corner located on the East line of the West portion of said State Lease No. 978 having Coordinates of X = 2,630,077.93 and Y = 133,081.87; thence South 1,081.87 feet along the East boundary of said State Lease No. 978 to the point of beginning, LESS AND EXCEPT all those portions of State Lease No. 978, as amended, and State Lease No. 2227 that may lie within the above described tract, containing approximately 378.89 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of All bearings, distances and coordinates are based on Natural Resources. Louisiana Coordinate System of 1927 (South Zone).

NOTE:

STATE LEASE NO. 16826 EXHIBIT "A"

PORTION OF TRACT 32745 - LaSalle Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on August 9, 2000, situated in LaSalle Parish, Beginning at a point having Coordinates of X = 2,106,160.00 and Y = 299,990.00; thence North 1,320.00 feet to a point having Coordinates of X = 2,103,160.00 and Y = 301,310.00; thence East 2,640.00 feet to a point having Coordinates of X = 2,105,800.00 and Y = 301,310.00; thence South 1,320.00 feet to a point having Coordinates of X = 2,105,800.00 and Y = 299,990.00; thence West 2,640.00 feet to the point of beginning, containing approximately 30.20 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

STATE LEASE NO. 16827 EXHIBIT "A"

PORTION OF TRACT 32746 - LaSalle Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on August 9, 2000, situated in LaSalle Parish, beginning at a Louisiana, within the following described boundaries: point having Coordinates of X = 2,120,120.00 and Y = 322,260.00; thence North 2,640.00 feet to a point having Coordinates of X = 2,120,120.00 and Y = 324,900.00; thence East 3,960.00 feet to a point having Coordinates of X = 2,124,080.00 and Y = 322,260.00; thence West 3,960.00 feet to the point of beginning, containing approximately shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (North Zone).